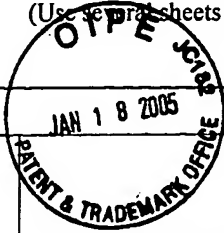


FORM PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P23686Application No.  
10/646,836INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

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Applicant  
Hiroshi NOMURAFiling Date  
August 25, 2003Group  
2851

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>[initials]</i>	4 9 3 7 6 0 9	06/26/90	WAKABAYASI et al.			
	4 9 7 4 9 4 9	12/04/90	TANAKA			
	5 0 9 9 2 6 3	03/24/92	MATSUMOTO et al.			
	5 2 1 0 6 4 4	05/11/93	NOMURA			
	5 3 7 6 9 8 3	12/27/94	YAMAZAKI et al.			
	5 6 3 6 0 6 2	06/03/97	OKUYAMA et al.			
	5 8 7 0 2 3 2	02/09/99	TSUJI et al.			
	5 9 1 2 7 7 2	06/15/99	AOKI			
	5 9 2 6 3 2 2	07/20/99	IWASAKI			
	6 4 9 0 0 9 9	12/03/02	SASAKI			
	6 5 7 0 7 1 8	05/27/03	NOMURA et al.			
	6 6 1 1 6 6 3	08/26/03	NAKAGAWA			
	6 7 1 1 3 4 9	03/23/04	DIRISIO			
	6 7 5 7 4 8 9	06/29/04	NOMURA et al.			
2001/	0 0 1 7 7 3 8	08/30/01	NOMURA et al.			
2002/	0 1 8 1 9 5 3	12/05/02	ICHINOKAWA			
2003/	0 0 0 7 7 9 6	01/09/03	NOMURA et al.			
	6 6 6 5 1 2 9	12/16/03	NOMURA et al.			

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>[initials]</i>	1	An English language translation of Japanese Laid-Open Patent Publication No. 2002-277719, which was published on September 25, 2002.
<i>[initials]</i>	2	Pentax Press News, "Pentax Optio S", February 4, 2003, together with an English language translation of the same.
<i>[initials]</i>	3	Digital CAPA March 2003, together with an English language translation of the same.
<i>[initials]</i>	4	Pentax News Release, "A High-Quality Zoom Lens Digital Camera so Small that it Fits into a Tin of Altoids", January 8, 2003.

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U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P23695Application No.  
10/646,836INFORMATION DISCLOSURE STATEMENT  
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(Use several sheets if necessary)Applicant  
Hiroshi NOMURA et al.Filing Date  
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2851

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>[initials]</i>	2003/	0	1	5	6	8	3	2	08/21/83	NOMURA et al.			
<i>[initials]</i>		5	0	8	6	3	1	2	02/04/92	TANAKA et al.			
<i>[initials]</i>		5	5	4	8	4	4	6	08/20/96	ENOMOTO			
<i>[initials]</i>		5	7	6	5	0	4	9	06/09/98	HASE et al.			
<i>[initials]</i>		4	9	5	2	9	5	5	08/28/90	IWATA et al.			
<i>[initials]</i>		4	9	3	7	6	0	9	06/26/90	WAKABAYASHI et al.			
<i>[initials]</i>		5	9	0	9	6	0	0	06/01/99	KOSAKO			
<i>[initials]</i>		4	5	4	5	6	6	1	10/08/85	HAMAGUCHI et al.			
<i>[initials]</i>		5	7	9	0	9	1	1	08/04/98	REIBL			
<i>[initials]</i>		5	7	9	0	9	0	7	08/04/98	REIBL			
<i>[initials]</i>		4	7	9	1	4	4	1	12/13/88	NISHI et al.			
<i>[initials]</i>		4	4	5	1	1	2	9	05/29/84	IKARI et al.			
<i>[initials]</i>		3	3	7	7	4	2	7	04/09/68	FISCHER			
<i>[initials]</i>		5	7	1	5	4	8	2	02/03/98	WAKABAYASHI et al.			
<i>[initials]</i>		4	5	9	7	6	5	7	07/01/86	WAKABAYASHI			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
<i>[initials]</i>	2003	-	1	4	9	7	2	3	05/21/03	JAPAN			X	
<i>[initials]</i>		0	5	9	8	7	0	3	05/25/94	E.P.O				
<i>[initials]</i>	9	-		1	5	6	8	2	01/17/97	JAPAN				
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<i>[initials]</i>		3	3	1	7	9	9	9	11/24/83	GERMANY				
<i>[initials]</i>	1	9	6	2	3	0	6	6	12/11/97	GERMANY				
<i>[initials]</i>	8	-	3	1	3	7	9	0	11/29/96	JAPAN				
<i>[initials]</i>	6	-	2	3	0	2	6	3	08/19/94	JAPAN				
<i>[initials]</i>	10	-	2	5	4	0	5	4	09/25/98	JAPAN <i>2/3/05</i>				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>[initials]</i>	5	English Language Abstract of JP 9-15682.
<i>[initials]</i>	6	English Language Abstract of JP 8-313790
<i>[initials]</i>	7	English Language Abstract of JP 6-230263.
<i>[initials]</i>	8	English Language Abstract of JP 10-254054.
<i>[initials]</i>	9	English Language Abstract of JP 2003-149723.

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